

10/781,055 LLM
Dialog 10/25/2006

? d s

Set	Items	Description
S1	16	S (TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM
S2	2	S S1 AND ((IRF (3N) BINDING) OR (SP1 (3N) BINDING) OR (IRF1 (3N) BINDING) OR (IRF-1 (3N) BINDING) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) BINDING) OR (CBP (3N) BINDING) OR ((NFKB) (3N) BINDING) OR (AP1 (3N) BINDING))
S3	2	RD (unique items)
S4	1	S S1 AND ((IRF (3N) (REGION OR ELEMENT)) OR (SP1 (3N) (REGION OR ELEMENT)) OR (IRF1 (3N) (REGION OR ELEMENT)) OR (IRF-1 (3N) (REGION OR ELEMENT)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (REGION OR ELEMENT)) OR (CBP (3N) (REGION OR ELEMENT)) OR ((NFKB) (3N) (REGION OR ELEMENT)) OR (AP1 (3N) (REGION OR ELEMENT)))
S5	1262	S PROMOTER AND (((IRF (3N) BINDING) OR (IRF1 (3N) BINDING) OR (IRF-1 (3N) BINDING) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) BINDING)))
S6	1	S S5 AND ((TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
S7	6	S S5 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
S8	2	RD (unique items)
S9	0	S S PROMOTER AND (((IRF (3N) (ELEMENT OR REGION)) OR (IRF1 (3N) (ELEMENT OR REGION)) OR (IRF-1 (3N) (ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION))) AND (SP1 (3N) (ELEMENT OR REGION))
S10	7	S (((IRF (3N) (ELEMENT OR REGION)) OR (IRF1 (3N) (ELEMENT OR REGION)) OR (IRF-1 (3N) (ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION)))) AND (SP1 (3N) (ELEMENT OR REGION))
S11	2	RD (unique items)
S12	1	S S11 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
S13	99	S (HIV (W) GP120) AND (IMMUNOGENIC OR (IMMUNIZATION (W) VECTOR))
S14	1	S S13 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)

?

[File 185] **Zoological Record Online(R)** 1978-2006/Nov
(c) 2006 The Thomson Corp. All rights reserved.

[File 357] **Derwent Biotech Res.** 1982-2006/Oct W4
(c) 2006 The Thomson Corp. All rights reserved.

[File 369] **New Scientist** 1994-2006/Aug W4
(c) 2006 Reed Business Information Ltd. All rights reserved.

[File 370] **Science** 1996-1999/Jul W3
(c) 1999 AAAS. All rights reserved.

**File 370: This file is closed (no updates). Use File 47 for more current information.*

[File 391] **Beilstein Reactions** 2006/Q3
(c) 2006 Beilstein GmbH. All rights reserved.

[File 434] **SciSearch(R) Cited Ref Sci** 1974-1989/Dec
(c) 2006 The Thomson Corp. All rights reserved.

[File 467] **ExtraMED(tm)** 2000/Dec
(c) 2001 Informania Ltd. All rights reserved.

? s (TATA (w) box) and (TFIIB) and (initiator or inr or (initiation (w) signal) or
(initiation (w) element)) and upstream and downstream
Processing

59424	TATA
263364	BOX
32216	TATA (W) BOX
4765	TFIIB
69524	INITIATOR
13114	INR
674690	INITIATION
2296101	SIGNAL
1195	INITIATION (W) SIGNAL
674690	INITIATION
2299614	ELEMENT
103	INITIATION (W) ELEMENT
324437	UPSTREAM
355643	DOWNSTREAM

S1 16 S (TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W)
SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM

? s s1 and ((IRF (3n) binding) or (SP1 (3n) binding) or (IRF1 (3n) binding) or (IRF-1
(3n) binding) or ((Interferon (w) regulatory (w) factor) (3n) binding) or (CBP
(3n)binding) or ((NFkB) (3n) binding) or (AP1 (3n) binding))

Processing
Processing
Processing
Processing
Processing

16 S1

11772 IRF
 4256825 BINDING
 1411 IRF(3N) BINDING
 45989 SP1
 4256825 BINDING
 15756 SP1(3N) BINDING
 1510 IRF1
 4256825 BINDING
 474 IRF1(3N) BINDING
 870 IRF-1
 4256825 BINDING
 24 IRF-1(3N) BINDING
 645721 INTERFERON
 995327 REGULATORY
 5914426 FACTOR
 4256825 BINDING
 842 INTERFERON(W) REGULATORY(W) FACTOR(3N) BINDING
 16860 CBP
 4256825 BINDING
 6635 CBP(3N) BINDING
 3422 NFKB
 4256825 BINDING
 367 NFKB(3N) BINDING
 11014 AP1
 4256825 BINDING
 2042 AP1(3N) BINDING
 S2 2 S S1 AND ((IRF(3N) BINDING) OR (SP1(3N) BINDING) OR (IRF1(3N) BINDING)
 OR (IRF-1(3N) BINDING) OR ((INTERFERON(W) REGULATORY(W) FACTOR)(3N) BINDING) OR (CBP
 (3N) BINDING) OR ((NFKB)(3N) BINDING) OR (AP1(3N) BINDING))

? rd

>>>W: Duplicate detection is not supported for File 391.
 Records from unsupported files will be retained in the RD set.
 S3 2 RD (UNIQUE ITEMS)

? t s2/medium/all

2/3/1 (Item 1 from file: 34) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
 SciSearch(R) Cited Ref Sci

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02978316 **Genuine Article#:** MW989 **No. References:** 49

**COOPERATIVE BINDING OF GA-BINDING PROTEIN TRANSCRIPTION FACTORS TO
 DUPLICATED TRANSCRIPTION INITIATION REGION REPEATS OF THE
 CYTOCHROME-C-OXIDASE SUBUNIT-IV GENE**

Author: CARTER RS; AVADHANI NG

Corporate Source: UNIV PENN,SCH VET MED,DEPT ANIM BIOL,BIOCHEM
 LAB/PHILADELPHIA//PA/19104; UNIV PENN,SCH VET MED,DEPT ANIM BIOL,BIOCHEM
 LAB/PHILADELPHIA//PA/19104

Journal: JOURNAL OF BIOLOGICAL CHEMISTRY , 1994 , V 269 , N6 (FEB 11) , P 4381-4387

ISSN: 0021-9258

Language: ENGLISH **Document Type:** ARTICLE (Abstract Available)

2/3/2 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0350206 DBA Accession No.: 2004-22498 PATENT

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy

Author: JOHNSTON S; QU B

Patent Assignee: UNIV TEXAS SYSTEM 2004

Patent Number: US 20040171573 **Patent Date:** 20040902 **WPI Accession No.:** 2004-634560 (200461)

Priority Application Number: US 781055 **Application Date:** 20040218

National Application Number: US 781055 **Application Date:** 20040218

Language: English

? S S1 AND ((IRF (3N) (region or element)) OR (SP1 (3N) (region or element)) OR (IRF1 (3N) (region or element)) OR (IRF-1 (3N) (region or element)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (region or element)) OR (CBP (3N) (region or element)) OR ((NFKB) (3N) (region or element)) OR (AP1 (3N) (region or element)))

Processing

Processing

Processing

Processing

Processing

16	S1
11772	IRF
5772632	REGION
2299614	ELEMENT
629	IRF(3N) (REGION OR ELEMENT)
45989	SP1
5772632	REGION
2299614	ELEMENT
4001	SP1(3N) (REGION OR ELEMENT)
1510	IRF1
5772632	REGION
2299614	ELEMENT
30	IRF1(3N) (REGION OR ELEMENT)
870	IRF-1
5772632	REGION
2299614	ELEMENT
12	IRF-1(3N) (REGION OR ELEMENT)
645721	INTERFERON
995327	REGULATORY
5914426	FACTOR
5772632	REGION
2299614	ELEMENT
108	INTERFERON(W) REGULATORY(W) FACTOR(3N) (REGION OR ELEMENT)
16860	CBP
5772632	REGION
2299614	ELEMENT
729	CBP(3N) (REGION OR ELEMENT)
3422	NFKB
5772632	REGION
2299614	ELEMENT
53	NFKB(3N) (REGION OR ELEMENT)
11014	AP1
5772632	REGION
2299614	ELEMENT
931	AP1(3N) (REGION OR ELEMENT)

S4 1 S S1 AND ((IRF (3N) (REGION OR ELEMENT)) OR (SP1 (3N) (REGION OR ELEMENT)) OR (IRF1 (3N) (REGION OR ELEMENT)) OR (IRF-1 (3N) (REGION OR ELEMENT)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (REGION OR ELEMENT)) OR (CBP (3N) (REGION OR ELEMENT)) OR ((NFKB) (3N) (REGION OR ELEMENT)) OR (AP1 (3N) (REGION OR ELEMENT)))

? t s4/medium/

4/3/1 (Item 1 from file: 357) [Links](#)

Derwent Biotech Res.

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0350206 DBA Accession No.: 2004-22498 PATENT

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention

and gene therapy

Author: JOHNSTON S; QU B

Patent Assignee: UNIV TEXAS SYSTEM 2004

Patent Number: US 20040171573 **Patent Date:** 20040902 **WPI Accession No.:** 2004-634560 (200461)

Priority Application Number: US 781055 **Application Date:** 20040218

National Application Number: US 781055 **Application Date:** 20040218

Language: English

? s promoter and (((IRF (3n) binding) or (IRF1 (3n) binding) or (IRF-1 (3n) binding) or ((Interferon (w) regulatory (w) factor) (3n)binding)))

Processing

Processing

817756	PROMOTER
11772	IRF
4256825	BINDING
1411	IRF(3N)BINDING
1510	IRF1
4256825	BINDING
474	IRF1(3N)BINDING
870	IRF-1
4256825	BINDING
24	IRF-1(3N)BINDING
645721	INTERFERON
995327	REGULATORY
5914426	FACTOR
4256825	BINDING
842	INTERFERON(W)REGULATORY(W)FACTOR(3N)BINDING

S5 1262 S PROMOTER AND (((IRF (3N) BINDING) OR (IRF1 (3N) BINDING) OR (IRF-1 (3N) BINDING) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N)BINDING)))

? s s5 and ((TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)

1262	S5
59424	TATA
263364	BOX
32216	TATA(W)BOX
4765	TFIIB
69524	INITIATOR
13114	INR
674690	INITIATION
2296101	SIGNAL
1195	INITIATION(W)SIGNAL
674690	INITIATION
2299614	ELEMENT
103	INITIATION(W)ELEMENT
324437	UPSTREAM
355643	DOWNSTREAM

S6 1 S S5 AND ((TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)

?

? t s6/free

6/8/1 (Item 1 from file: 357) [Links](#)

0350206 DBA Accession No.: 2004-22498

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy 2004

? S S5 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT))) AND UPSTREAM AND DOWNSTREAM)

1262 S5
59424 TATA
263364 BOX
32216 TATA(W)BOX
69524 INITIATOR
13114 INR
674690 INITIATION
2296101 SIGNAL
1195 INITIATION(W)SIGNAL
674690 INITIATION
2299614 ELEMENT
103 INITIATION(W)ELEMENT
324437 UPSTREAM
355643 DOWNSTREAM

S7 6 S S5 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT))) AND UPSTREAM AND DOWNSTREAM)

?

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S8 2 RD (UNIQUE ITEMS)

? t s8/free/all

8/8/1 (Item 1 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0002096419 IP Accession No: 4719655

IFN Regulatory Factor-1-Mediated Transcriptional Activation of Mouse STAT-Induced STAT Inhibitor-1 Gene Promoter by IFN- gamma

Publication Date: 2000

Descriptors: Promoters; Transcription; Stat1 protein; interferon regulatory factor 1; SSI-1 protein; gamma-Interferon

Identifiers: immunology

Subj Catg: 06773, Interferons; 14553, Transcription initiation, elongation & termination

8/8/2 (Item 1 from file: 357) Links

0350206 DBA Accession No.: 2004-22498

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy 2004

? t s8/medium/1

8/3/1 (Item 1 from file: 24) [Links](#)

Fulltext available through: [USPTO Full Text Retrieval Options](#) [SCIENCEDIRECT](#)
CSA Life Sciences Abstracts

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0002096419 IP Accession No: 4719655

**IFN Regulatory Factor-1-Mediated Transcriptional Activation of Mouse STAT-Induced STAT Inhibitor-1
Gene Promoter by IFN- gamma**

Saito, H; Morita, Y; Fujimoto, M; Narazaki, M; Naka, T; Kishimoto, T Department of Molecular Medicine, Osaka
University Medical School, 2-2 Yamada-oka, Suita City, Osaka 565-0871, Japan,
[mailto:saitoh@imed3.med.osaka-u.ac.jp]

Journal of Immunology , v 164 , n 11 , p 5833-5843 , June 1, 2000

Publication Date: 2000

Document Type: Journal Article

Record Type: Abstract

Language: English

Summary Language: English

ISSN: 0022-1767

File Segment: Immunology Abstracts; Nucleic Acids Abstracts

? d s

Set	Items	Description
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S1	16	S (TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM
S2	2	S S1 AND ((IRF (3N) BINDING) OR (SP1 (3N) BINDING) OR (IRF1 (3N) BINDING) OR (IRF-1 (3N) BINDING) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) BINDING) OR (CBP (3N) BINDING) OR ((NFKB) (3N) BINDING) OR (AP1 (3N) BINDING))
S3	2	RD (unique items)
S4	1	S S1 AND ((IRF (3N) (REGION OR ELEMENT)) OR (SP1 (3N) (REGION OR ELEMENT)) OR (IRF1 (3N) (REGION OR ELEMENT)) OR (IRF-1 (3N) (REGION OR ELEMENT)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (REGION OR ELEMENT)) OR (CBP (3N) (REGION OR ELEMENT)) OR ((NFKB) (3N) (REGION OR ELEMENT)) OR (AP1 (3N) (REGION OR ELEMENT))
S5	1262	S PROMOTER AND (((IRF (3N) BINDING) OR (IRF1 (3N) BINDING) OR (IRF-1 (3N) BINDING) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) BINDING)))
S6	1	S S5 AND ((TATA (W) BOX) AND (TFIIB) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
S7	6	S S5 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
S8	2	RD (unique items)

? s s promoter and (((IRF (3n)(element or region)) or (IRF1 (3n)(element or region)) or (IRF-1 (3n)(element or region)) or ((Interferon (w) regulatory (w) factor) (3n) (element or region)))) and (SP1 (3n) (element or region))

Processing

Processing

Processing

6	S PROMOTER
11772	IRF
2299614	ELEMENT
5772632	REGION
629	IRF(3N)(ELEMENT OR REGION)
1510	IRF1
2299614	ELEMENT
5772632	REGION
30	IRF1(3N)(ELEMENT OR REGION)
870	IRF-1
2299614	ELEMENT
5772632	REGION
12	IRF-1(3N)(ELEMENT OR REGION)
645721	INTERFERON
995327	REGULATORY
5914426	FACTOR
2299614	ELEMENT
5772632	REGION
108	INTERFERON(W)REGULATORY(W)FACTOR(3N)(ELEMENT OR REGION)
45989	SP1
2299614	ELEMENT
5772632	REGION
4001	SP1(3N)(ELEMENT OR REGION)
S9	0 S S PROMOTER AND (((IRF (3N)(ELEMENT OR REGION)) OR (IRF1 (3N)(ELEMENT OR REGION)) OR (IRF-1 (3N)(ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION)))) AND (SP1 (3N) (ELEMENT OR REGION))

? S S (((IRF (3N)(ELEMENT OR REGION)) OR (IRF1 (3N)(ELEMENT OR REGION)) OR (IRF-1 (3N)(ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION)))) AND (SP1 (3N) (ELEMENT OR REGION))

>>>W: Unmatched parentheses

>>>E: There is no result

? S (((IRF (3N)(ELEMENT OR REGION)) OR (IRF1 (3N)(ELEMENT OR REGION)) OR (IRF-1 (3N)

((ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION))) AND (SP1 (3N) (ELEMENT OR REGION))

Processing

Processing

Processing

11772	IRF
2299614	ELEMENT
5772632	REGION
629	IRF(3N) (ELEMENT OR REGION)
1510	IRF1
2299614	ELEMENT
5772632	REGION
30	IRF1(3N) (ELEMENT OR REGION)
870	IRF-1
2299614	ELEMENT
5772632	REGION
12	IRF-1(3N) (ELEMENT OR REGION)
645721	INTERFERON
995327	REGULATORY
5914426	FACTOR
2299614	ELEMENT
5772632	REGION
108	INTERFERON (W) REGULATORY (W) FACTOR (3N) (ELEMENT OR REGION)
45989	SP1
2299614	ELEMENT
5772632	REGION
4001	SP1(3N) (ELEMENT OR REGION)

S10 7 S (((IRF (3N) (ELEMENT OR REGION)) OR (IRF1 (3N) (ELEMENT OR REGION)) OR (IRF-1 (3N) (ELEMENT OR REGION)) OR ((INTERFERON (W) REGULATORY (W) FACTOR) (3N) (ELEMENT OR REGION)))) AND (SP1 (3N) (ELEMENT OR REGION))

? rd

>>>W: Duplicate detection is not supported for File 391.

Records from unsupported files will be retained in the RD set.

S11 2 RD (UNIQUE ITEMS)

? t s10/free/all

10/8/1 (Item 1 from file: 5) [Links](#)

0014462691 Biosis No.: 200300418353

The tumor suppressor interferon regulatory factor 1 interferes with SP1 activation to repress the human CDK2 promoter.

2003

10/8/2 (Item 1 from file: 24) [Links](#)

CSA Life Sciences Abstracts

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0002494825 IP Accession No: 5667605

The Tumor Suppressor Interferon Regulatory Factor 1 Interferes with SP1 Activation to Repress the Human CDK2 Promoter

Publication Date: 2003

Descriptors: Transcription; Cell cycle; Interferon; interferon regulatory factor 1; Cdk2 gene; Sp1 protein; Cdk2 protein; Cyclin-dependent kinase 2; Promoters; Tumor suppressor genes

Subj Catg: 14941, Miscellaneous; 26416, Other tumor suppressor genes/antioncogenes

10/8/3 (Item 1 from file: 34) [Links](#)

SciSearch(R) Cited Ref Sci

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11845994 **Genuine Article#:** 701ER **Number of References:** 72

The tumor suppressor interferon regulatory factor 1 interferes with SP1 activation to repress the human CDK2 promoter

(ABSTRACT AVAILABLE)

Publication date: 20030718

Journal Subject Category: BIOCHEMISTRY & MOLECULAR BIOLOGY

Identifiers-- KeyWord Plus(R): H4 GENE-TRANSCRIPTION; CELL-CYCLE REGULATION; CCAAT DISPLACEMENT PROTEIN; DNA-BINDING DOMAIN; FACTOR-I IRF-1; HISTONE GENE; IFN-GAMMA; HINF-D; MOLECULAR CHARACTERIZATION; DEPENDENT KINASES

10/8/6 (Item 1 from file: 155) Links

MEDLINE(R)

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14395285 PMID: 12732645

The tumor suppressor interferon regulatory factor 1 interferes with SP1 activation to repress the human CDK2 promoter.

Jul 18 2003

Descriptors: *CDC2-CDC28 Kinases; *Cyclin-Dependent Kinases--genetics--GE; *DNA-Binding Proteins--metabolism--ME; *Phosphoproteins--metabolism--ME; *Podophyllin --analogs and derivatives--AA; *Podophyllin--metabolism--ME; *Promoter Regions (Genetics); *Protein-Serine-Threonine Kinases--genetics--GE ; 3T3 Cells; Animals; Base Sequence; Cyclin-Dependent Kinase 2; DNA--genetics --GE; DNA-Binding Proteins--genetics--GE; Genes, Reporter; Humans; In Vitro ; Interferon Regulatory Factor-1; Mice; Phosphoproteins--genetics--GE; Podophyllotoxin--analogs and derivatives--AA; Recombinant Fusion Proteins --genetics--GE; Recombinant Fusion Proteins--metabolism--ME; Research Support, U.S. Gov't, P.H.S.; Sequence Deletion; Suppression, Genetic; Trans-Activation (Genetics); Transfection; Tumor Suppressor Protein p53 --genetics--GE; Tumor Suppressor Protein p53--metabolism--ME

CAS Registry No.: 0 (DNA-Binding Proteins); 0 (IRF1 protein, human); 0 (Interferon Regulatory Factor-1); 0 (Irf1 protein, mouse); 0 (Phosphoproteins); 0 (Recombinant Fusion Proteins); 0 (Tumor Suppressor Protein p53); 1904-80-9 (mitopodozide); 518-28-5 (Podophyllotoxin); 9000-55-9 (Podophyllin); 9007-49-2 (DNA)

Enzyme No.: EC 2.7.1.37 (CDC2-CDC28 Kinases); EC 2.7.1.37 (CDK2 protein, human); EC 2.7.1.37 (Cdk2 protein, mouse); EC 2.7.1.37 (Cyclin-Dependent Kinase 2) ; EC 2.7.1.37 (Cyclin-Dependent Kinases); EC 2.7.1.37 (Protein-Serine-Threonine Kinases)

? S S11 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT))) AND UPSTREAM AND DOWNSTREAM)

2	S11
59424	TATA
263364	BOX
32216	TATA(W) BOX
69524	INITIATOR
13114	INR
674690	INITIATION
2296101	SIGNAL
1195	INITIATION(W) SIGNAL
674690	INITIATION
2299614	ELEMENT
103	INITIATION(W) ELEMENT
324437	UPSTREAM
355643	DOWNSTREAM

S12 1 S S11 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR (INITIATION (W) ELEMENT))) AND UPSTREAM AND DOWNSTREAM)

?
? t s12/free

12/8/1 (Item 1 from file: 357) [Links](#)

0350206 DBA Accession No.: 2004-22498

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy 2004


```

? s (HIV (w) gp120) and (immunogenic or (immunization (w) vector))
    927987 HIV
    38902 GP120
    2763 HIV(W)GP120
    84922 IMMUNOGENIC
    418194 IMMUNIZATION
    907113 VECTOR
    107 IMMUNIZATION(W)VECTOR
S13 99 S (HIV (W) GP120) AND (IMMUNOGENIC OR (IMMUNIZATION (W) VECTOR))

? S S13 AND ((TATA (W) BOX) AND (INITIATOR OR INR OR (INITIATION (W) SIGNAL) OR
(INITIATION (W) ELEMENT)) AND UPSTREAM AND DOWNSTREAM)
    99 S13
    59424 TATA
    263364 BOX
    32216 TATA (W) BOX
    69524 INITIATOR
    13114 INR
    674690 INITIATION
    2296101 SIGNAL
    1195 INITIATION (W) SIGNAL
    674690 INITIATION
    2299614 ELEMENT
    103 INITIATION (W) ELEMENT
    324437 UPSTREAM
    355643 DOWNSTREAM
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Derwent Biotech Res.

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0350206 DBA Accession No.: 2004-22498 PATENT

New nucleic acid segment comprises SP72 synthetic promoter/enhancer, useful as a vaccine for genetic immunization or for gene therapy for treating or preventing cancers, infectious diseases, or inflammatory diseases construction of a nucleic acid vaccine comprising the SP72 promoter useful for disease prevention and gene therapy

Author: JOHNSTON S; QU B

Patent Assignee: UNIV TEXAS SYSTEM 2004

Patent Number: US 20040171573 **Patent Date:** 20040902 **WPI Accession No.:** 2004-634560 (200461)

Priority Application Number: US 781055 **Application Date:** 20040218

National Application Number: US 781055 **Application Date:** 20040218

Language: English